Abstract

This invention relates to provide the genes for diagnosing colorectal cancer, the gene sequences searching comprise the steps of: (1) deriving epithelium cells from normal intestines, polypus of intestines and colorectal cancer tissue; (2) collecting genes with highly differential gene expression by Suppression Subtractive Hybridization (SSH), and building library; (3) deriving colonies with relatively high signal intensities from cancer tissue; (4) collecting more clinically cancer tissues by Northern Hybridization, real-time Polymerase Chain Reaction (PCR) combined with analysis of bioinformation to affirm variation between differential gene expression; and (5) selecting the most suitable genes from said library, and using the gene sequence as reagent provides the effects of early diagnosis, specificity, highly sensitivity and safety.